1. **Explore BitLocker encryption policies**A screenshot of a computer

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2. **What unsafe setting would you have to set to be able to finish creating the policy, and why?** The policy is not targeted to any specific collection of devices.
3. **There are two reasons why it would not matter -- what are they?** The policy is not enforced until it is deployed, so it wouldn't affect any devices until then.

**2. Explore Endpoint Protection Policies**

**a. Antimalware Policies**

A screenshot of a computer

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**b. Exploit Guard Policies**

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1. **Describe why you selected the options that you did**. To enhance security and protect against various threats:

* **Attack Surface Reduction**: It helps prevent malware attacks by limiting the ways that potentially malicious code can be executed on a system, reducing the attack surface available to attackers.
* **Controlled Folder Access:** This feature helps prevent unauthorized access to sensitive files and folders by allowing only trusted applications to access them, thus mitigating the risk of ransomware and other types of malware that attempt to encrypt or modify files.
* **Network Protection Policy:** This feature helps protect against network-based attacks by blocking malicious network traffic and preventing unauthorized communication with malicious domains or IP addresses, thereby reducing the risk of malware infection and data exfiltration.

**c. Application Guard Policies**

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The policy will not work on the lab system because Application Guard requires specific hardware and software prerequisites that may not be met on the lab system. One common requirement is hardware virtualization support, which is necessary for running Application Guard in a virtualized environment. Additionally, the lab system may not have the necessary security features or configurations to support Application Guard.

vinaypamnani-msft. (2023, September 6). *Enable hardware-based isolation for Microsoft Edge - Windows Security*. Learn.microsoft.com. https://learn.microsoft.com/en-us/windows/security/application-security/application-isolation/microsoft-defender-application-guard/install-md-app-guard

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